

PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_

## PRODUCT FEATURES

- Intended for Cleanrooms, Hospitals, Hi-Tech Manufacturing, Laboratories, Food Processing Facilities, Commercial Kitchens, and more
- Architectural Cleanroom “V” troffer available in a 2x2 & 2x4
- Recessed ceiling mount; grid or flange. Compatible with 1.5” or 15/16” Grid Ceilings
- Fixture is certified to UL standards by Intertek Testing Laboratory. Suitable for Wet Locations. IP65 Rated per IEC60598, Meets ISO Class 3 (Fed Std. 209E/Class 10). IC-Rated per UL 1598
- This product is Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA)



SCV Series



## ORDERING INFORMATION

Example: SCVR22-HC-L235-1C-A-90C-UN

| SCV R  |                                           |                                                                                       |                                                                                                                   |                                                                                                                 |                                                       |
|--------|-------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Series | Mounting<br>R = Recessed<br>(Grid/Flange) | Size*<br>22 = 2x2<br>24 = 2x4<br><br>*Nominal Size.<br>Dimensional Data<br>on Page 2. | Housing<br>HC = 20Ga. CRS Painted<br>HS = 20Ga. SS Brushed<br>HP = 20Ga. SS Painted<br>HA = .050Ga. Alum. Painted | Lumen Output*<br>L2 = Low<br>L4 = Medium<br>L6 = High<br><br>*Subject to change. Performance<br>Data on Page 3. | Color Temp.<br>35 = 3500K<br>40 = 4000K<br>50 = 5000K |

| 1C                                     |                                                                                                                                                                                                                 | 90C                        |                                                                           | VR-                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Circuits</b><br>1C = 1 Circuit<br>. | <b>Lens</b><br>A = .125 Clear Acrylic<br>B = .125 Clear Poly.<br>C = .156 Clear Poly.<br>D = .187 Clear Poly.<br>E = .250 Clear Poly.<br><br>*Inner lens is a .125 White Frosted Acrylic for maximum diffusion. | <b>CRI</b><br>90C = 90 CRI | <b>Voltage</b><br>12 = 120V<br>27 = 277V<br>UN = Universal<br>(120V-277V) | <b>Options</b><br>FZ1 = Fuse (120V)<br>FZ2 = Fuse (277V)<br>EL1 = Emerg. Bat. LED Low (10W)*<br>EL2 = Emerg. Bat. LED High (20W)*<br>LN = LED Night Light**<br>IP66 = IP66 Rated<br><br>*If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity.<br>**3500K non-dimming Night Light with integrated switch allows light levels at 100%, 70%, 40% and 10%. |



**New Star Lighting**

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[www.newstarlighting.com](http://www.newstarlighting.com)

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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## SPECIFICATIONS

**HOUSING:** 20-Gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel options available. Overlapping frame to match housing material. Philips flat heat fasteners secure doorframe to housing.

**LENS:** .125" White frosted acrylic inner lens. Options for outer lens includes clear acrylic or polycarbonate.

**LED:** Available in three color temperatures 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in an ambient environment 25°C temperature, compliant with IES LM-80 testing standards. Minimum 80 CRI standard with optional minimum 90 CRI available.

**ELECTRICAL:** 120-277VAC 50/60Hz, constant current driver (<20% THD, >0.9 PF). Standard 0-10V Dimming with 1-100% range.

**FINISH:** White antimicrobial polyester powder coat finish following multi-stage iron phosphate pre-treatment.

**GASKET:** Closed cell EPDM and closed cell silicone gaskets air contaminants from entering the fixture.

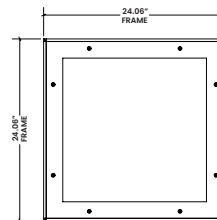
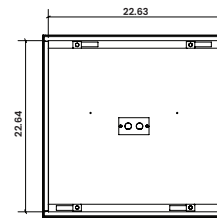
**INSTALLATION:** Universal recessed mounting accommodates Grid and Flange installations. Luminaires will be supplied with adjustable swing arms that can be used for Flange applications or secured to the side of housing for Grid applications. Compatible with 1-1/2" and 15/16" Grid systems. Mounting for custom ceilings available, consult factory.

**WARRANTY:** 5 Year Warranty.

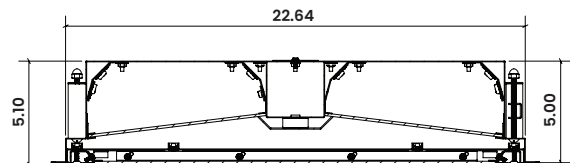
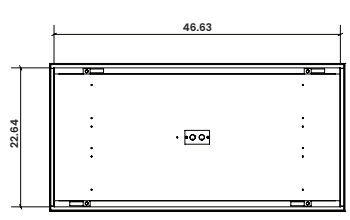
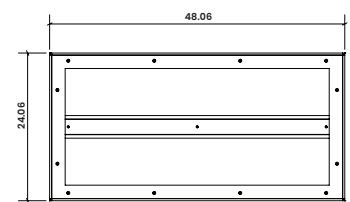
**LABEL:** Fixture is certified to UL standards by Intertek Testing Laboratory. Suitable for Wet Locations, IP65 Rated per IEC60598, Meets ISO Class 3 (Fed Std. 209E/ Class 10). IC-Rated per UL 1598. This product is Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA)

## DIMENSIONAL DATA

SCV22



SCV24



## PERFORMANCE DATA\*

\*LEDs are frequently updated therefore values may change without notice.

| MODEL  | OUTPUT      | COLOR TEMP. | LUMENS DELIVERED | EFFICACY (lm/W) | INPUT POWER (W) |
|--------|-------------|-------------|------------------|-----------------|-----------------|
| SCVR22 | L2 = Low    | 3500K       | 1975             | 79              | 25              |
|        |             | 4000K       | 2075             | 83              | 25              |
|        |             | 5000K       | 2200             | 88              | 25              |
|        | L4 = Medium | 3500K       | 3850             | 77              | 50              |
|        |             | 4000K       | 4050             | 81              | 50              |
|        |             | 5000K       | 4250             | 85              | 50              |
|        | L6 = High   | 3500K       | 5880             | 84              | 75              |
|        |             | 4000K       | 6230             | 89              | 75              |
|        |             | 5000K       | 6650             | 95              | 75              |
| SCVR24 | L2 = Low    | 3500K       | 4800             | 96              | 50              |
|        |             | 4000K       | 5100             | 102             | 50              |
|        |             | 5000K       | 5350             | 107             | 50              |
|        | L4 = Medium | 3500K       | 9400             | 94              | 100             |
|        |             | 4000K       | 9900             | 99              | 100             |
|        |             | 5000K       | 10400            | 104             | 100             |
|        | L6 = High   | 3500K       | 14400            | 96              | 150             |
|        |             | 4000K       | 15300            | 102             | 150             |
|        |             | 5000K       | 16050            | 107             | 150             |

